

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050115.D
 Acq On : 05 Aug 2022 23:40
 Operator : SY/MD
 Sample : N4022-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D98

Quant Time: Aug 06 06:05:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 06:03:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35697	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	26452	3.739	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.900	69	23673	4.147	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.000%	
11) 1,1-Dichloroethene-d2	2.562	65	9062	3.277	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.600%	
20) 2-Butanone-d5	4.620	46	73618	42.669	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.340%	
24) Chloroform-d	5.063	84	57953	4.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	5.700	65	30735	4.549	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
32) Benzene-d6	5.726	84	113166	4.271	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
36) 1,2-Dichloropropane-d6	6.690	67	39710	4.552	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.899	98	90897	3.885	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
43) trans-1,3-Dichloroprop...	8.179	79	7475	2.391	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	47.800%#	
46) 2-Hexanone-d5	8.632	63	55227	49.813	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.620%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	34144	4.457	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	33641	4.810	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	6015	0.659	ug/L	# 20
14) Carbon disulfide	2.787	76	8988	0.428	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	7134	0.977	ug/L	98
33) Benzene	5.777	78	4052	0.136	ug/L	100
34) Trichloroethene	6.542	95	4096	0.569	ug/L	96
52) Ethylbenzene	9.571	91	3185	0.109	ug/L	84
53) m,p-Xylene	9.693	106	4490	0.419	ug/L	97
54) o-Xylene	10.102	106	1303	0.122	ug/L	83
63) 1,2,4-Trimethylbenzene	11.468	105	2559	0.139	ug/L	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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